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CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

## INFORMATION REPORT

CD NO.

COUNTRY USSR (Ukrainian SSR)

DATE DISTR. 23 Jan 1950

SUBJECT Metallurgical Plant in Ordzhonikidze

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PLACE  
ACQUIRED 25X1A [REDACTED]

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DATE OF INFO. September 1947 - September 1949

SUPPLEMENT TO 25X1A  
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1. Location:

The plant, directly southeast of the railroad freight station of ORDZHONIKIDZE (38°13'E/48°13'N), Ukrainian SSR, borders a lake on the south and the Coking Plant No. 23 on the northeast.

2. Plant Installations:

a. The plant covers an area of about 1.2 x 1.8 miles. The installations were almost completely destroyed during the war by the withdrawing Soviet troops. Part of the plant was reconstructed during the German occupation, the most important departments being reconditioned within two years. These reconditioned buildings were not destroyed at the German retreat; only the western blast furnace was made unserviceable, as it was no longer charged.

b. The construction of a fifth blast furnace started in 1945. It was presumably not blown in before October 1949. The steel department was improved by two new Bessemer converters, new crane installations, and a cooling tower. A large drainage system has been partly under construction and partly only planned. For this purpose, 12 x 25-foot ditches were excavated and given a concrete floor. Pipe lines, 4 feet in diameter, were laid.

c. An extended railroad track system is available in the plant area. The power, allegedly supplied by the DNEPRO-PREROVSK hydro power plant, is being transformed in the station not far from the plant entrance.

For plant layout, see Annex.

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3. Work Force:

24,000 men and women working in three shifts of an unequal size.

4. Production:

Rails for standard gauge and narrow gauge railways, section iron, ship's planks and metal sheets.

Field Comment:

- a. The ORDZHONIKIDZE Metallurgical Plant ranks eighth among the iron and steel works in European Russia in the production of pig iron.
- b. It has so far been known to be in the southeastern town section. An accurate sketch whose data agree with this report was transmitted with a previous report. It has, however, not been determined whether the plant is bordered by a lake on the south or southeast.
- c. The data on the attached sketch, reproducing the accurate plant layout for the first time, require confirmation.
- d. The economic data on the plant were contained in an economic report dated January 1949.

1 Annex: Metallurgical Plant in ORDZHONIKIDZE.Legend to Annex:A - Metallurgical plant

- 1 - Rolling mill with five large workshops, 240 x 750 feet.
  - Workshop a: Production of plates and sheet metal
  - Workshop b: Wire mill
  - Workshop c: Still vacant in the fall of 1949
  - Workshop d: New wire mill
  - Workshop e: Rails and section iron (three roll trains)
- 2 - Dump for rails and rolled products
- 3 - Mechanical workshop
- 4 - Small foundry
- 5 - Foundry for spare parts, 90 x 240 feet
- 6 - Processing of slag
- 7 - Pig foundry
- 8 - Cinder dump
- 9 - Water tower
- 10 - Fire clay department
- 11 - Compressor
- 12 - Slag concrete workshop

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- 13 - Bessemer plant with two old Bessemer converters was modernized by a new installation with two new converters which was to be put into operation in the Fall of 1949.
- 14 - Open-hearth plant, 360 feet long, three furnaces in operation
- 15 - Five blast furnaces:
  - a. Blast furnace, filled but out of blast
  - b. Old blast furnace, charged by hand
  - c. Blast furnace, semi-automatic charging
  - d. New blast furnace, scheduled to be blown-in during October 1949
  - e. Blast furnace, automatic charging
- Numerous tracks run between the blast furnaces, the open-hearth plant, and the Bessemer plant.
- 16 - Ore bunker
- 17 - Ore dump
- 18 - Power station
- 19 - Compressor house, 75 x 360 feet
- 20 - Two cooling towers
- 21 - Workshop, presumably manganese dressing
- 22 - Ore dump
- 23 - Sawmill
- 24 - Timber dump
- 25 - Concrete mixer and cement dump
- 26 - Marshalling and parking tracks
- 27 - Locomotive sheds
- 28 - Coal dump
- 29 - Coal bunker
- 30 - Coke oven plant comprising an old and a new installation with automatic loading facility; each battery comprises from 30 to 50 chambers.
- 31 - Administration building
- 32 - Soviet convict camp
- B - Subsidiary plant, designated AGLO
- C - Coking Plant No. 23
- D - Cement factory
- E - PW Camp No. 7242/1050.

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